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xpath and streaming data and finite automata

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F Peng, SS Chawathe - ... ACM SIGMOD international conference on Management of data, 2003 - portal.acm.org

... of buffer management (flagging buffered data based on ... as we shall explain shortly, general XPath queries cannot be evaluated in a streaming system that ...

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... streaming XML documents according to XQuery or XPath queries that ... on the efficient evaluation of path expressions over streaming XML data, using indexed ...

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TJ Green, G Miklau, M Onizuka, D Suciu - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer

... by evaluating a large number of XPath filters, corresponding ... clients' subscription queries, on the stream of XML ... Data processing is minimal: there is no need ...

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... Clients (data consumer) connect to the routers and provide an ... describes the portions of the XML stream that they ... XML pack- ets against those XPath queries, and ...

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... results are of general interest in XPath processing, beyond ... The second technique is the Streaming Index (SIX ... tools providing highly scalable XML data processing ...

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... of XPath/XQuery-based queries on streaming XML documents. ... in a relational database and data streamed from ... The XFilter system handles simple XPath location path ...

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... the context node for the predicate on the order date. ... operators as defined in the XQuery/XPath standard specifications ... uses the PT to process the stream of SAX ...

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... of the tree conveyed in the stream is bounded ... is the only current approach that accomodates XPath qualifiers, closure ... X-Scan from the Tukwila data inte- gration ...

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[An Efficient XPath Query Processor for XML Streams](#) - [asu.edu](#) (PDF)

Y Chen, SB Davidson, Y Zheng - ... 22nd International Conference on Data Engineering (ICDE'06), 2006 - doi.ieeecomputersociety.org

... over XML data is called a streaming XPath evaluation al- gorithm. Several streaming XPath evaluation algorithms based on finite state automata (FSA) have been ...

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